Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Sunday 11 Feb 2024 until 23:59 on Monday 12 Feb 2024

Forecast Issued on Saturday 10 Feb 2024 at 11:19

Confidence: High for generally unsettled conditions, lowering by midweek for precipitation detail.

Headline for Sunday 11 Feb 2024: A cloudy day with rain or showers at times through Sunday.

Mountain weather hazards on Sunday 11 Feb 2024

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Light rain	Sunny intervals	Cloudy	Cloudy	Light rain showers (night)	Partly cloudy (night)
Precipitation probability							
30%	40%	40%	20%	30%	30%	40%	30%

Forecast for Sunday 11 Feb 2024

Weather: Cloudy with outbreaks of mainly light rain during the overnight period. Some bright or sunny spells during the day but patches of low cloud never far away. Scattered light showers later in the afternoon or evening.

Chance of cloud-free hill tops above 800m: 30-40%

Low cloud and visibility: Scattered or broken cloud base 400-600m. Visibility moderate in rain, poor in hill fog, otherwise good.

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Forecast for Sunday 11 Feb 2024

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	6/7 E	5/7 N	11/14 N	12/15 W	15/20 W	21/28 W	23/29 W	23/29 W	21/28 W
600	5/7 E	6/8 N	9/12 NW	10/14 W	13/17 W	19/26 W	19/27 W	17/25 W	18/26 W
300	3/5 E	4/7 N	5/11 NW	5/12 NW	6/14 W	10/22 W	10/23 W	10/22 W	9/21 W
Valley	3/5 NE	4/7 N	4/9 N	4/11 NW	6/13 SW	10/21 W	9/20 W	11/22 W	12/23 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	1/-2	1/-2	0/-4	0/-5	1/-5	0/-6	-0/-7	-1/-8	-2/-9
600	2/0	2/0	2/-2	2/-2	3/-2	2/-3	2/-4	1/-5	-0/-6
300	4/3	4/3	3/1	4/2	5/3	4/1	4/0	3/-1	2/-2
Valley	5/4	6/4	5/4	5/4	6/4	6/4	6/3	6/2	5/1
Freezing Level*	1100m	1100m	1000m	1000m	1000m	1000m	900m	700m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold at height, be prepared with appropriate layers.

Forecast for Monday 12 Feb 2024

Weather: Patchy cloud and sunny or clear spells through the day. Chance of scattered showers at times, wintry on hill tops, most likely during the overnight period and again into the evening. Largely clear skies by late evening.

Maximum wind: Westerly to southwesterly 15-20 mph, gusting 25-30 mph

Chance of cloud-free hill tops above 800m: 60%, improving 80% later in the evening

Low cloud and visibility: Few or scattered cloud base 500-700m, clearing later in the evening. Visibility generally good, temporarily reducing in showers or hill fog.

Temperature: **Valleys:** Plus 3 rising to plus 7 Celsius
At 800m: Minus 2 rising to 0 Celsius
Freezing level: 600-800m

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Saturday 10 February Location: Helvellyn summit at 14:45 Temperature: plus 3.1 deg C Maximum wind speed 3.9mph Wind chill: plus 2.0 deg C Average wind speed: 2.7mph

Full report: A spring like day on the Lake District fells with lights winds and the freezing level well above the summits. Thursdays snow is thawing rapidly in the mild temperatures. Patchy new snow can be found above 600m with drifts behind features and in gullies up to 1 meter deep. However many areas including the Helvellyn plateau, some popular paths and the crests of the Helvellyn Edges are now clear. Caution is still required on Striding & Swirral Edges as many of the 'easier' paths on the flanks are still banked out with snow especially on northern aspects. There are a few areas of older snow above 900m of steep north through east facing aspects which require ice axe and crampons to cross but these shouldn't cause any hazard for walkers on popular routes. A surprising amount of ice has formed on the east face of Helvellyn above 800m but no climbing routes are currently in. Microspikes and trekking poles or an ice axe are strongly recommended for anyone heading onto the summits giving you plenty of options for dealing with the wide variety of underfoot conditions that currently exist. The freezing level is forecast to drop on Sunday evening which will quickly refreeze the saturated snow giving far more serious conditions on which spikes will be essential. Despite the unseasonably warm temperatures full winter clothing is still required to enjoy the fells in comfort and safety. The very minimum should include a waterproof top & bottoms, warm layers, hats and gloves, a map & compass, headtorch and boots with plenty of grip.

Issued at: 1828 on Sat 10 Feb 2024

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